

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning at page 9, line 15 as follows:

A spanning tree is determined from the reduced graph 406 upon determining that the graph is not disconnected. The spanning tree is constructed having a desirable throughput, e.g., a spanning tree having a maximum throughput among all possible configurations of the spanning tree. A violation index $V(i)$ is determined for each node i which is defined as target $B/a(i) * f(i)$ 501. If it is determined that a node has a positive violation index 502, set $\min B = \text{target}B$ 503. Upon determining that the node has a positive violation index, the target bandwidth is redefined 503. Upon determining that no node has a positive violation index, the node in the spanning tree that has the largest violation index is determined 504. A triangular improvement is applied to reduce the violation index of the node 505. If the violation index of the node is determined to not have been reduced set $\max B = \text{target}B$ 506, and the target bandwidth is redefined 506 507. Upon determining that the violation index of the node has been reduced 506, the violation index of a next node is determined 501.